

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/005459

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C09B57/04 C09B17/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C09B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, BEILSTEIN Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 166 179 A (LOTSCH WOLFGANG) 28 August 1979 (1979-08-28) cited in the application Beispiele	1-12
Y	EP 0 038 548 A (MOBAY CHEMICAL CORP) 28 October 1981 (1981-10-28) Formel IV	1-12
Y	DE 196 44 077 A (BAYER AG) 7 May 1998 (1998-05-07) Formel IV	1-12
Y	US 4 384 060 A (ARAKI SHINGO ET AL) 17 May 1983 (1983-05-17) Beispiel 4	1-12

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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Date of the actual completion of the international search

10 August 2004

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09/09/2004

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/005459

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4166179	A	28-08-1979	DE 2628409 A1	12-01-1978
			BE 856067 A1	27-12-1977
			CH 626389 A5	13-11-1981
			FR 2355886 A1	20-01-1978
			GB 1578576 A	05-11-1980
			IT 1078953 B	08-05-1985
			JP 1226342 C	31-08-1984
			JP 53000225 A	05-01-1978
			JP 59000535 B	07-01-1984
			US RE31986 E	17-09-1985
EP 0038548	A	28-10-1981	EP 0038548 A2	28-10-1981
			JP 56161469 A	11-12-1981
DE 19644077	A	07-05-1998	DE 19644077 A1	07-05-1998
			DE 59710301 D1	24-07-2003
			EP 1234813 A2	28-08-2002
			EP 0839879 A2	06-05-1998
			ES 2202532 T3	01-04-2004
			JP 10140066 A	26-05-1998
			TW 459022 B	11-10-2001
			US 6077339 A	20-06-2000
US 4384060	A	17-05-1983	JP 1209468 C	29-05-1984
			JP 56120756 A	22-09-1981
			JP 58041313 B	10-09-1983
			EP 0035358 A2	09-09-1981